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		3,047,507		Winslow	07-31-1962	
		3,937,839		Strike et al.	02-10-1976	
		4,064,409		Redman	12-20-1977	
		4,106,488		Gordon	08-15-1978	
		4,107,288		Oppenheim et al.	08-15-1978	
		4,183,156		Rudy	01-15-1980	
		4,219,945		Rudy	09-02-1980	
		4,267,234		Rembaum	05-12-1981	
		4,268,413		Dabisch	05-19-1981	
		4,303,636		Gordon	12-01-1981	
		4,323,056	1	Borrelli et al.	04-06-1982	
		4,340,626		Rudy	07-20-1982	
		4,342,157		Gilbert	08-03-1982	
		4,443,430		Mattei et al.	04-17-1984	
		4,452,773		Molday	06-05-1984	
		4,454,234		Czerlinski	06-12-1984	
		4,472,890		Gilbert	09-25-1984	
		4,501,726		Schröder et al.	02-26-1985	
		4,545,368		Rand et al.	10-08-1985	***************************************
		4,554,088		Whitehead et al.	11-19-1985	

			FOREIGN PATENT DOCUMENTS									
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				U.S. PATENT DOCUME	NTS	
Examiner Initials'	er Cite Number Kind Code ² (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Ridevant Passages or Relevant Figures Appear	
		4,574,782		Borrelli et al.	03-11-1986	. austa curea
		4,613,304		Meyer	09-23-1986	
		4,628,037		Chagnon et al.	12-09-1986	
		4,637,394		Racz et al.	01-20-1987	
		4,662,359		Gordon	05-05-1987	
		4,672,040		Josephson	06-09-1987	
		4,695,392		Whitehead et al.	09-22-1987	
		4,695,393		Whitehead et al.	09-22-1987	
		4,721,618		Giles et al.	01-26-1988	
		4,992,190		Shtarkman	02-12-1991	
		4,999,188		Solodovník et al.	03-12-1991	
		5,067,952		Gudov et al.	11-26-1991	
		5,108,359		Granov et al.	04-28-1992	
		5,161,776		Nicholson	11-10-1992	
		5,180,583		Hedner	01-19-1993	
		5,202,352		Okada et al.	04-13-1993	
		5,207,675		Canady	05-04-1993	
		5,236,410		Granov et al.	08-17-1993	
		5,354,488		Shtarkman et al.	10-11-1994	
		5,358,659		Ziolo	10-25-1994	

	FOREIGN PATENT DOCUMENTS										
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Examiner Initials			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		5,374,246		Ray	12-20-1994	
		5,427,767		Kresse et al.	06-27-1995	
		5,466,609		Siiman et al.	11-14-1995	
		5,493,792		Bates et al	02-27-1996	
		5,507,744		Tay et al.	04-16-1996	
		5,525,249		Kordonsky et al.	06-11-1996	
		5,549,837		Ginder et al.	08-27-1996	
		5,565,215		Gref et al.	10-15-1996	
		5,582,425		Skanberg et al.	12-10-1996	
		5,595,735		Saferstein et al.	01-21-1997	
		5,597,531		Liberti et al.	01-28-1997	
		5,624,685		Takahashi et al.	04-29-1997	
		5,635,162		Fischer	06-03-1997	
		5,635,215		Boschetti et al.	06-03-1997	
		5,645,849		Pruss et al.	07-08-1997	
		5,646,185		Giaccia et al.	07-08-1997	
		5,667,715		Foister	09-16-1997	
		5,670,078		Ziolo	09-23-1997	
		5,695,480		Evans et al.	12-09-1997	
		5,702,630		Sasaki et al.	12-30-1997	

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U.S. PATENT DOCUMENTS								
Examiner Initials'			Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		5,707,078		Swanberg et al.	01-13-1998			
		5,714,829		Guruprasad	02-23-1998			
		5,782,954		Luk	07-21-1998			
		5,800,372		Bell et al.	09-01-1998			
		5,900,184		Weiss et al.	05-04-1999			
		5,927,753		Faigle et al.	07-27-1999			
		5,947,514		Keller et al.	09-07-1999			
		6,027,664		Weiss et al.	02-22-2000			
		6,036,226		Brown et al.	03-14-2000			
		6,036,955		Thorpe et al.	03-14-2000			
		6,039,347		Maynard	03-21-2000			
		6,044,866		Rohrbeck	04-04-2000			
		6,051,607		Greff	04-18-2000			
		6,076,852		Faigle	06-20-2000			
		6,096,021		Helm et al.	08-01-2000			
		6,149,576		Gray et al.	11-21-2000			
		6,149,832		Foister	11-21-2000			
		6,167,313		Gray et al.	12-26-2000			
		6,186,176 B	1	Gelbmann	02-13-2001			
		6,189,538 B	1	Thorpe	02-20-2001			

					N PATENT DOCUMENT	s		
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U.S. PATENT DOCUMENTS									
Examiner Initials'	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		6,266,897 B	1	Seydel et al.	07-31-2001				
		6,274,121 B	1	Pilgrimm	08-14-2001				
		6,299,619 B1	1	Greene, Jr. et al.	10-09-2001				
		6,315,709 B	1	Garibaldi et al.	11-13-2001				
		6,335,384 B	1	Evans et al.	01-01-2002				
		6,355,275 B	1	Klein	03-12-2002				
		6,399,317 B	1	Weimer	06-04-2002				
		6,409,851 B	1	Sethuram et al.	06-25-2002				
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	, .
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		U.S. Published Patent Application No. US 2001/0016210 A1, Mathiowitz et al., Aug. 23, 2001.	
		U.S. Published Patent Application No. US 2001/0033384 A1, Luo et al., Oct. 25, 2001.	
		U.S. Published Patent Application No. US 2002/0045045 A1, Adams et al., Apr. 18, 2002	
		Azuma, Y. et al. "Coating of ferric oxide particles with silica by hydrolysis of TEOS", Journal of the Ceramic Society of Japan, 100(5), 646-51 (Abstract) (May 1992).	
		Atarashi, T. et al. "Synthesis of ethylene-glycol-based magnetic fluid using silica-coated iron particle", Journal of Magnetism and Magnetic Materials, 201, 7-10 (1999).	
		Homola, A. M. et al., "Novel Magnetic Dispersions Using Silica Stabilized Particles", IEEE Transactions on Magnetics, 22 (5), 716-719 (September 1986).	
		Giri, A. et al. "AC Magnetic Properties of Compacted FeCo Nanocomposites", Mater. Phys. and Mechanics, 1, 1-10 (2000).	
		Lubbe, AS et al. "Clinical experiences with magnetic drug targeting: a phase I study with 4'- expidoxorubicin in 14 patients with advanced solid tumors", Cancer Research, Vol. 55, Issue 20, 4686-4693 (Abstract) (1996).	
		Sako, M et al., "Embolotherapy of hepatomas using ferromagnetic microspheres, its clinical evaluation and the prospect of its use as a vehicle in chemoembolo-hyperthermic therapy", Gan to kagaku ryoho. Cancer & chemotherapy, Vol. 13, No. 4, Pt. 2, 1618-1624 (Arbstract) (1996).	

Examiner Signature	/Samuel Gilbert/	Date Considered	12/28/2007

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